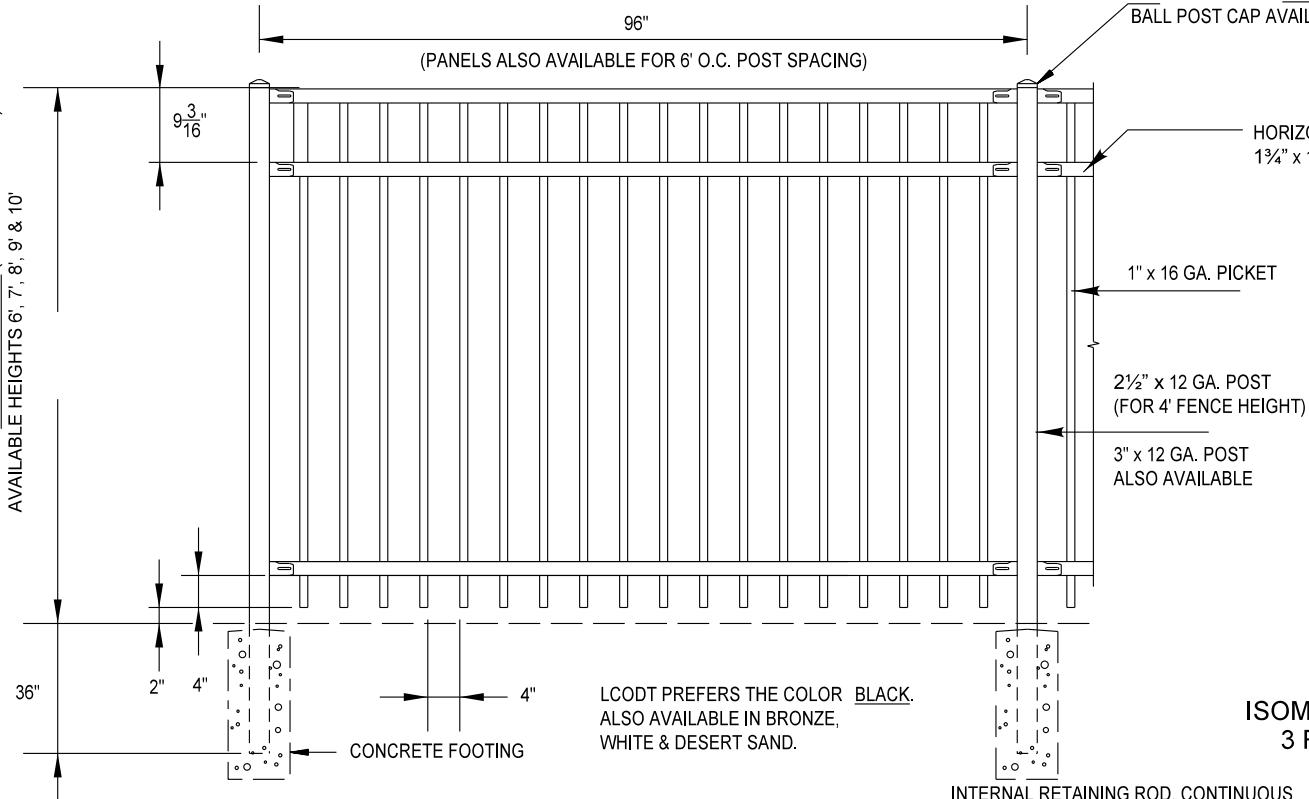


LCDOT PREFERS 4' FENCE HEIGHT (SPECIAL ORDER)  
AVAILABLE HEIGHTS 6', 7', 8', 9' & 10'

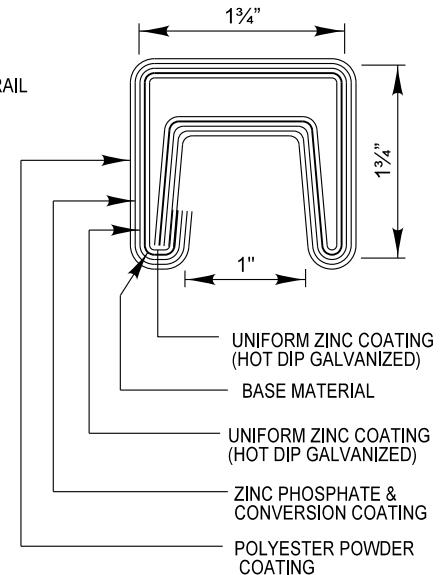
### ELEVATION, 3-RAIL, 8' NOM. LENGTH



Post Selection for Fence Height 6' - 10'				
Wind Loading				
Fence Height (FT)	Rail Length (FT)	Post Size	Wind Load Capacity Factor (PSF)	Typical Wind Load Capacity (mph)
6	6	2 1/2" x 12 GA.	45.5	133.0
		3" x 12 GA.	54.6	146.0
	8	2 1/2" x 12 GA.	34.2	116.0
		3" x 12 GA.	41.0	127.0
7	6	2 1/2" x 12 GA.	33.4	114.0
		3" x 12 GA.	40.0	125.0
	8	2 1/2" x 12 GA.	25.0	99.0
		3" x 12 GA.	30.0	108.0
8	6	2 1/2" x 12 GA.	25.6	100.0
		3" x 12 GA.	30.7	110.0
	8	2 1/2" x 12 GA.	19.2	87.0
		3" x 12 GA.	23.0	95.0
		4" x 12 GA.	30.6	110.0
		4" x 12 GA.	32.0	113.0
9	6	4" x 12 GA.	28.7	107.0
10	6	4" x 12 GA.		

LCDOT PREFERS PYRAMID CAP  
BALL POST CAP AVAILABLE

### CROSS SECTION OF HORIZONTAL RAIL



### ISOMETRIC, 3 RAIL

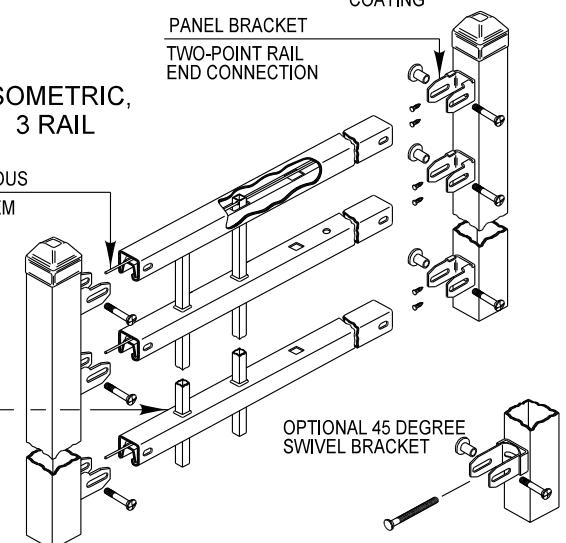
INTERNAL RETAINING ROD, CONTINUOUS

VARIABLE PITCH CONNECTION SYSTEM  
ELIMINATES EXTERNAL FASTENERS

#### HORIZONTAL RAIL

DOUBLE-WALLED "U" CHANNEL  
SPECIALLY FORMED HIGH  
STRENGTH ARCHITECTURAL SHAPE.

GATES: SPECIFY OPENING WIDTHS  
SINGLE \_\_\_\_\_ QUANTITY \_\_\_\_\_  
DOUBLE \_\_\_\_\_ QUANTITY \_\_\_\_\_



 LakeCounty  
Division of Transportation

APPROVED BY: M. G. ZEMAITIS  
DATE: APRIL 1, 2007

ORNAMENTAL FENCE  
THREE RAIL  
(ONE MFGR'S DETAILS)

LC6601